

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please cancel claim 2 without prejudice.

LISTING OF CLAIMS:

1. (Previously Presented) A portable image recording apparatus comprising:
a coding unit which codes an input sound and image data relating to an image;

a parameter setting unit which variably sets a frame rate and a bit rate of coding to be executed by the coding unit according to an input type of contents of the image and predetermined conditions; and

a recording unit which records the coded data obtained by the coding unit into a small-sized recording medium.

2. (Canceled)

3. (Previously Presented) A portable image recording apparatus comprising:
a coding unit which codes input sound and image data relating to an image;
a parameter setting unit which variably sets a frame rate and a bit rate of coding to be executed by the coding unit according to a resolution of the image based on input data and predetermined conditions; and

a recording unit which records the coded data obtained by the coding unit into a small-sized recording medium.

4. (Previously Presented) A portable image recording apparatus comprising:
a coding unit which codes input sound and image data relating to an image;
a parameter setting unit which variably sets a frame rate and a bit rate or image quality of a frame of coding to be executed by the coding unit based upon an input image content type and based upon being within a predetermined range of the frame rate or a predetermined range of the image quality of the frame respectively so that a current bit rate maintains a target bit rate during the coding; and
a recording unit which records the coded data obtained by the coding unit into a small-sized recording medium.

5. (Previously Presented) A portable image recording apparatus comprising:
a coding unit which codes input sound and image data relating to an image;
a database which previously stores therein optimal ranges of a frame rate, a bit rate, and a frame image quality of coding to be executed by the coding unit according to a content type, a size, and a resolution of the image;
a first parameter setting unit a) which selects a frame rate and a bit rate which are optimal for an input selected image content type, b) which selects an image size, and an image resolution based on the contents of the database and c) which sets the selected frame rate and the bit rate in the coding unit as initial values;
a second parameter setting unit which variably sets a frame rate or an image quality of a frame of coding to be executed by the coding unit within a predetermined range of the frame rate and a predetermined range of the frame image quality respectively so that a current bit rate maintains a target bit rate during coding; and

a recording unit which records the coded data obtained by the coding unit into a small-sized recording medium.

6. (Original) The portable image recording apparatus according to claim 5, wherein the second parameter setting unit sets the frame rate and the frame image quality for every one frame.

7. (Original) The portable image recording apparatus according to claim 5, wherein the contents are stored in the database based on an inspection by users.

8. (Original) The portable image recording apparatus according to claim 5, further comprising:

a decoding unit which reads and decodes the sound and image data stored in the small-sized recording medium; and

a reproduction unit which reproduces the decoded sound and image data.